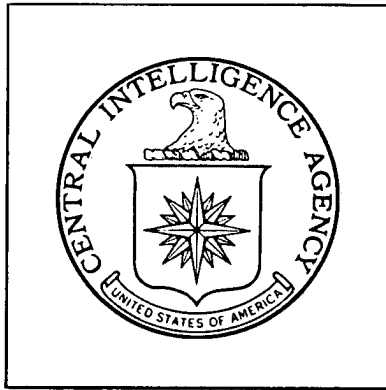


Top Secret



**DIRECTORATE OF
INTELLIGENCE**

**Industrial Facilities
(Non-Military)**

Basic Imagery Interpretation Report

Major Electric Power Plants

Sinkiang Uighur Autonomous Region, China



Top Secret

25X1

RCS 13/0041/70

25X1

DATE May 1970

COPY 117

PAGES 10

Page Denied

TOP SECRET RUFF

RCS - 13/0041/70

25X1
25X1CENTRAL INTELLIGENCE AGENCY
Directorate of Intelligence
Imagery Analysis Service

ABSTRACT

This report, based on 1969 and 1970 photography, covers the four major power plants in Sinkiang Uighur Autonomous Region, western China. It updates previous basic reports on Wu-lu-mu-chi Thermal Power Plant Urumchi Wei-hu-liang and Yeh-ma-tu Thermal Power Plant, and it provides the initial basic reports on Ku-erh-lo Hydro Power Plant and Wu-lu-mu-chi Thermal Power Plant. The cutoff date for information in this report is January 1970.

Ku-erh-lo Hydro Power Plant appeared complete when it was first observed on photography of August 1967. It included a powerhouse, a switching yard, a transformer yard, and a semiburied surge tank. The powerhouse is on the opposite side of a ridge from the water intake and is connected to it by underground conduits. Since August 1967 only minor changes have been observed at the plant. An earthen dam which may be associated with the power plant has been seen under construction near the water intake. The plant has not appeared to be in operation on coverage through January 1970.

Wu-lu-mu-chi Thermal Power Plant was first seen under construction on photography of September 1966. At that time the boilerhouse and generator hall were under construction. In January 1970, a stack and one section of the boilerhouse and generator hall appeared nearly complete and another section had been started. Coal processing and handling facilities, an administration building, and a large support building appeared complete, and a control house, a water cooling system, and the switching yard were under construction. In January 1970 the plant was not yet operational.

At Wu-lu-mu-chi Thermal Power Plant Urumchi Wei-hu-liang, no changes have been observed since the previous report. The plant was operating in December 1969.

Yeh-ma-tu Thermal Power Plant has not been completed and probably is not operational. Since the previous report, a dust catcher/flue system has been partially installed in the eastern section of the boilerhouse.

TOP SECRET RUFF

25X1

TOP SECRET RUFF

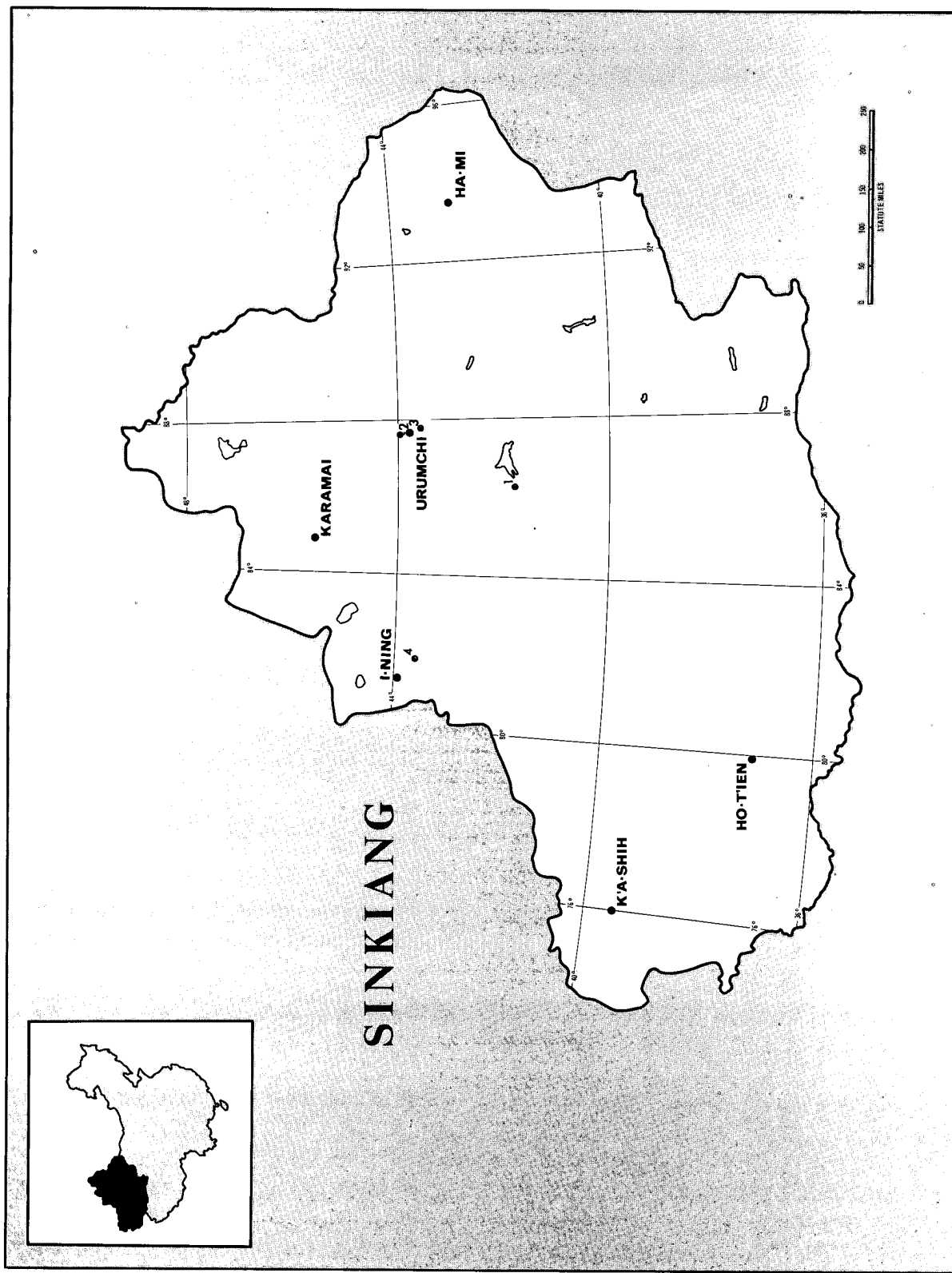


FIGURE 1. LOCATION MAP.

TOP SECRET RUFF

TOP SECRET RUFF

25X1

INTRODUCTION

This report presents information on the current status of the following four major electric power plants in Sinkiang Uighur Autonomous Region:

1. Ku-erh-lo Hydro Power Plant.
2. Wu-lu-mu-chi Thermal Power Plant Urumchi Wei-hu-liang.
3. Wu-lu-mu-chi (Urumchi) Thermal Power Plant.
4. Yeh-ma-tu Thermal Power Plant.

Requirement

COMIREX NO1

Support Number 420374

TOP SECRET RUFF

25X1

Page Denied

Next 2 Page(s) In Document Denied

TOP SECRET RUFF

INSTALLATION OR ACTIVITY NAME		COUNTRY
Wu-lu-mu-chi Thermal Power Plant Urumchi Wei-hu-liang		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	
45TWJ522557	43-51-06N 087-38-46E	
MAP REFERENCE		
2nd RTS. USATC, Series 200, Sheet M0330-3HL, 3rd ed, Jun 69, Scale 1:200,000 (SECRET)		
LATEST IMAGERY USED		NEGATION DATE (If required)
		NA

25X1

25X1

25X1

BASIC DESCRIPTION

Wu-lu-mu-chi Thermal Power Plant Urumchi Wei-hu-liang has been observed only on poor-quality photography since August 1967, the date of the latest photography used in the previous report. No changes can be identified.

The plant was operating in December 1969. Heavy smoke was emanating from two of the three stacks and vapor from the cooling tower.

REFERENCES

25X1

Document

CIA. BCS 13/0016/69, Wu-lu-mu-chi Thermal Power Plant (Urumchi Wei-hu-liang), September 1968, (TOP SECRET RUFF)

25X1

TOP SECRET RUFF

Page Denied

TOP SECRET RUFF

25X1
25X1

INSTALLATION OR ACTIVITY NAME		COUNTRY
Wu-lu-mu-chi Thermal Power Plant		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	25X1
45TWJ505412	43-43-12N 087-37-30E	
MAP REFERENCE		
2nd RTS. USATC, Series 200, Sheet M0330-3HL, 3rd ed., Jun 69, Scale 1:200,000		
(SECRET)		
LATEST IMAGERY USED		NEGATION DATE (If required)
25X1		

*Action has been initiated to enter the data on this thermal power plant in the Basic Encyclopedia.

BASIC DESCRIPTION

Wu-lu-mu-chi Thermal Power Plant is being constructed on the northeast edge of Lake Hung-yen, about 4.4 nm south-southeast of Wu-lu-mu-chi. The plant occupies an unsecured area about 1,000 feet square. It is served by both road and rail.

The plant was first observed under construction on photography of September 1966. At that time the boilerhouse and generator hall were under construction. In January 1970, a stack and one section of the boilerhouse and generator hall appeared nearly complete and another section had been started. Also, coal processing and handling facilities, an administration building, and a large support building appeared complete, and a control house, a water cooling system, and the switching yard were under construction (see Figure 3).

In January 1970 the plant was not yet operational.

25X1

25X1

TOP SECRET RUFF

TOP SECRET RUFF

25X1
25X1

INSTALLATION OR ACTIVITY NAME		COUNTRY
Yeh-ma-tu Thermal Power Plant		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	
44TNP640291*	43-37-00N 081-48-00E*	
MAP REFERENCE		
2nd RTS. USATC, Series 200, Sheet M0329-5HL, 2nd ed. Oct 68. Scale 1:200,000		
(SECRET)		
LATEST IMAGERY USED		NEGATION DATE (If required)
		NA

25X1

25X1

25X1

*Action has been initiated to correct the UTM coordinates and the geographic coordinates in the Basic Encyclopedia to 44TNP568307 and 43-37-45N 081-42-20E, respectively.

BASIC DESCRIPTION

Yeh-ma-tu Thermal Power Plant has not been completed. Since February 1969, the date of the latest photography in the previous report, a dust catcher/flue system has been partially installed in the eastern section of the boilerhouse. The plant probably is not operational as no transformers have been seen in the switching yard and no smoke has been seen emanating from the stacks.

REFERENCES

25X1

Document

CIA. BCS 13/0234/69, Yamaata Thermal Power Plant, March 1969,
(TOP SECRET RUFF)

25X1

-10-

TOP SECRET RUFF

25X1

Top Secret



Top Secret